

Fr 1

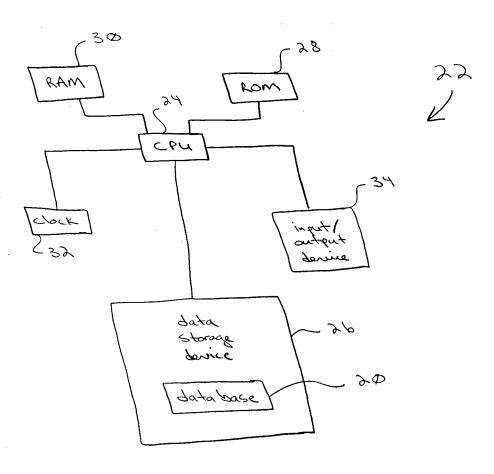
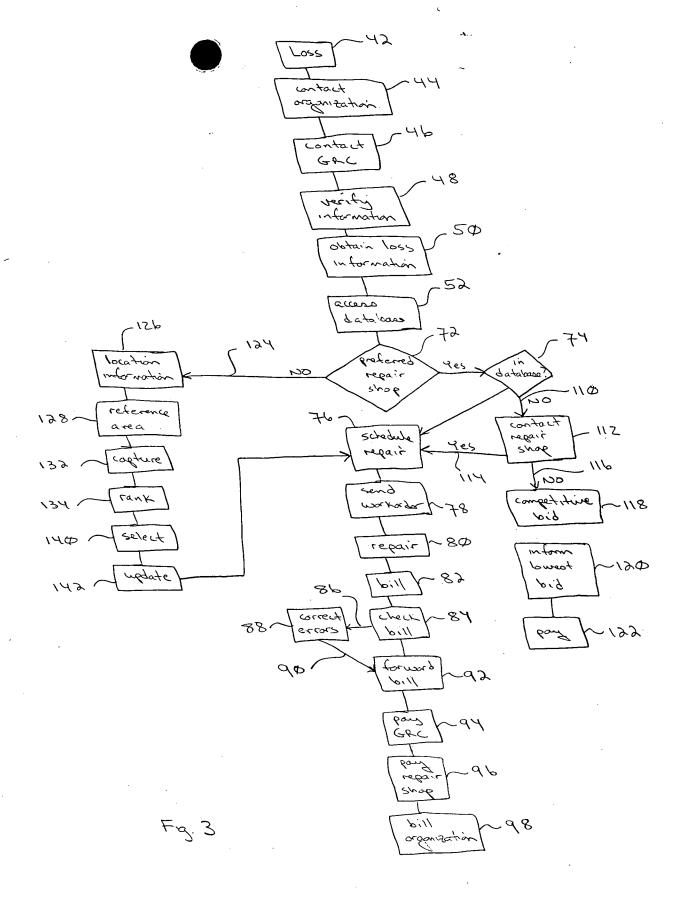


Fig 2



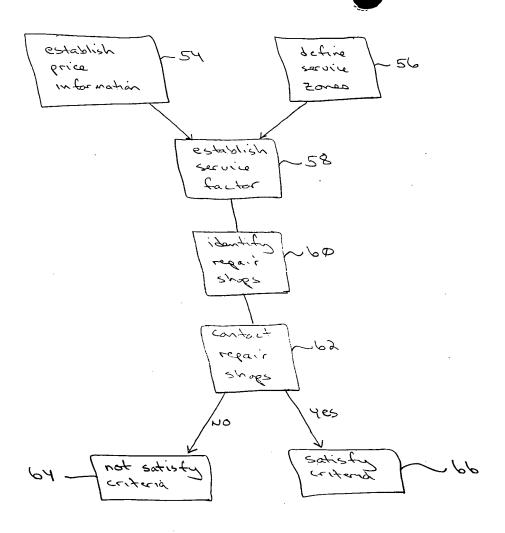


Fig. 4

ranx 136

ranx 138

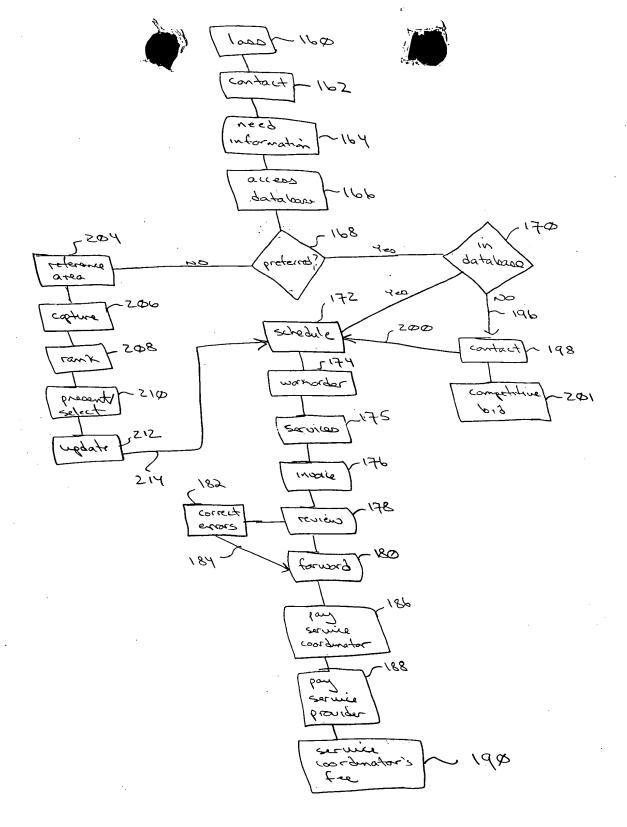
relect/ ring

redate ring

Fg. 5

primary 150 ranking 150 secondary 150 ranking 150 select 154 update 156

Fg. 6



Fy. 7